mail

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/518,751_

Source: _PCT_

Date Processed by STIC: _1-21-05_

ENTERED

PCT

RAW SEQUENCE LISTING　　　　　　　DATE: 01/21/2005
PATENT APPLICATION:　US/10/518,751　　TIME: 17:28:31

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Input Set : D:\00358JHU.SEQ SEQUENCE LISTING.TXT
Output Set: N:\CRF4\01212005\J518751.raw
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 5        Kinzler, Kenneth W.
 6        Vogelstein, Bert
 8 <120> TITLE OF INVENTION: MEMBRANE ASSOCIATED TUMOR ENDOTHELIUM
 9        MARKERS
11 <130> FILE REFERENCE: 001107.00358
13 <140> CURRENT APPLICATION NUMBER: US/10/518,751
13 <141> CURRENT FILING DATE: 2004-12-21
13 <150> PRIOR APPLICATION NUMBER: 60/390,187
14 <151> PRIOR FILING DATE: 2002-06-21
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33 aagctagtta tatttcagag aaatgatttt cattattgaa actgttctcc ctagcaggcc    480
34 attttccctt tttcctggga gtttagcaag tttaggagag aatagtcatg aaaagaaagg    540
35 gaagaaaggg gagaagggaa gaggttaaaa agtaagtgct cagacctatg aacgtaatcc    600
36 ctttgctaga aatatttaag agcagctcag cttggttgaa actgagtttt gtcatcttcc    660
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39 ggcttgcatg tgccagaaag cagagaatag aaaatgtaat ctccaacatc caagcatcga    840
40 aacccaaggg gtaggcaatt ctatgtaggt tttggacatg aagtttggtg catcttggtt    900
41 tatgctggct caactgctat taaacctctc tggcttatag tctcttcatt ctattagaca    960
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54 aggagaatga agtagaagtg aaaggtttat aaatccattt gtaagcattt atcccatata   1740
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56 tatgtgactc atgcttctgg ataaataaag caccaaatat gtatctgtaa ccacaatcac   1860
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68              20                  25                  30
69 Glu Leu Gly Glu Ile Asn Tyr Phe Asn Phe Phe Phe Ile Leu Tyr Lys
70          35                  40                  45
71 Ala Met Asp Phe Ile Trp Leu Met Cys Ala Leu Tyr Thr Ser His Phe
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99 ccggaagatc atcttctcct acgtggtggt cttccttgtc tgctggctgc cctaccacgt    960
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104 agagacggag tactctgcct tggagcagag caccaaatga tctgccctgg agaggctctg   1260
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111 agttaaatat attttaaata ttgtttggga ggcatagtgc tgacatatat tcagagtgtt 1680
112 gtagttttaa ggttagcgtg acttcagttt tgactaagga tgacactaat tgttagctgt 1740
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114 aatgttttat ttaccatagt tttatatctg tgtggtgttt tgtaccggca cgggatatgg 1860
115 aacgaaaact gctttgtaat gcagtttgtg acattaatag tattgtaaag ttacatttta 1920
116 aaataaacaa aaaactgttc tggactgcaa atctgcacac acaacgaaca gttgcatttc 1980
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130 Met Cys Pro Asn Met Pro Asn Lys Ser Val Leu Leu Tyr Thr Leu Ser
131   35   40.   45
132 Phe Ile Tyr Ile Phe Ile Phe Val Ile Gly Met Ile Ala Asn Ser Val
133   50   55   60
134 Val Val Trp Val Asn Ile Gln Ala Lys Thr Thr Gly Tyr Asp Thr His
135 65   70   75   80
136 Cys Tyr Ile Leu Asn Leu Ala Ile Ala Asp Leu Trp Val Val Leu Thr
137   85   90   95
138 Ile Pro Val Trp Val Val Ser Leu Val Gln His Asn Gln Trp Pro Met
139   100   105   110
140 Gly Glu Leu Thr Cys Lys Val Thr His Leu Ile Phe Ser Ile Asn Leu
141   115   120   125
142 Phe Gly Ser Ile Phe Phe Leu Thr Cys Met Ser Val Asp Arg Tyr Leu
143   130   135   140
144 Ser Ile Thr Tyr Phe Thr Asn Thr Pro Ser Ser Arg Lys Lys Met Val
145 145   150   155   160
146 Arg Arg Val Val Cys Ile Leu Val Trp Leu Leu Ala Phe Cys Val Ser
147   165   170   175
148 Leu Pro Asp Thr Tyr Tyr Leu Lys Thr Val Thr Ser Ala Ser Asn Asn
149   180   185   190
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151   195   200   205
152 Leu Ile Gly Met Glu Leu Val Ser Val Val Leu Gly Phe Ala Val Pro
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154 Phe Ser Ile Ile Ala Val Phe Tyr Phe Leu Leu Ala Arg Ala Ile Ser
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Input Set : D:\00358JHU.SEQ SEQUENCE LISTING.TXT
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160 Leu Leu Asp Ile Phe Ser Ile Leu His Tyr Ile Pro Phe Thr Cys Arg
161         275               280               285
162 Leu Glu His Ala Leu Phe Thr Ala Leu His Val Thr Gln Cys Leu Ser
163     290               295               300
164 Leu Val His Cys Cys Val Asn Pro Val Leu Tyr Ser Phe Ile Asn Arg
165 305             310               315               320
166 Asn Tyr Arg Tyr Glu Leu Met Lys Ala Phe Ile Phe Lys Tyr Ser Ala
167         325               330               335
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211 aatcaatggg actctgatat aaaggaagaa taagtcactg taaaacagaa cttttaaatg    1980
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Input Set : D:\00358JHU.SEQ SEQUENCE LISTING.TXT
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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date